

101.626-12 – including Taq polymerase

101.626-12u – without Taq polymerase

Lot No.: 1F1

Olerup SSP[®] HLA-C*15

Product number: 101.626-12 – including Taq polymerase
101.626-12u – without Taq polymerase
Lot number: 1F1
Expiry date: 2019-10-01
Number of tests: 12
Number of wells per test: 39+1

CHANGES COMPARED TO THE PREVIOUS HLA-C*15 LOT (1D5):

Well	5'-primer	3'-primer	rationale
20	-	Added	3'-primer added for the C*15:44:02 allele.
25	-	Added	3'-primer added for the C*15:122N allele.
27	Added	-	5'-primer added for the C*15:123 allele.
34	-	Added	3'-primer added for the C*15:108 allele.
37	-	Added	3'-primer added for the C*15:122N allele.
38	Added	Added	Negative Control moved to well 40, primer pair added for the C*15:124 allele.
39	New	New	New primer pairs added for the C*15:108 and C*15:132 alleles.
40	-	-	Negative Control added from well 38.

THE NUMBER OF WELLS is increased from 38 to 40 wells.

ALLELE COVERAGE:

C*15:02 to C*15:133, i.e. all the currently recognized HLA-C*15 alleles, will be amplified by the primers in the HLA-C*15 SSP kit ¹; www.ebi.ac.uk/imgt/hla, 2016-October-14^{1,2}, release 3.26.0.

The HLA-C*15 kit enables separation of the confirmed HLA-C*15 alleles as listed in the IMGT/HLA database. An HLA allele is listed as confirmed by IMGT/HLA if it has been sequenced by more than a single laboratory or from multiple sources.

The HLA-C*15 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

The following HLA-C*15 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*15:18, 15:118	9	C*15:35, 15:47	21
C*15:32Q, 15:41	24	C*15:44:01-14:44:02, 15:45	20
C*15:33, 15:84Q	28	C*15:46, 15:111	19
C*15:34, 15:39	17	C*15:81, 15:96Q	29

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¹Alleles that have been deleted from or renamed in the official WHO HLA Nomenclature up to and including the last IMGT/HLA database release can be retrieved from web page

<http://hla.alleles.org/alleles/deleted.html>.

²The HLA-C*15 primer set cannot separate the C*15:04:01-15:04:02 and the C*16:70 alleles. These alleles can be distinguished by the HLA-C low resolution kit and/or HLA-C*16 high resolution kit.

RESOLUTION IN HLA-C*15 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-C*15 SUBTYPINGS BY NON-HLA-C*15 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.